

Version with markings to show changes made

In the claims:

Claims 2, 6, 7, 9, and 20 are canceled without prejudice.

Claims 1, 3, 4, 5, 8, 10, 13, 18, 19, 21, and 22 have been amended as follows:

1. (Twice amended) A biochip comprising:

a surface [capable of being] spotted with a plurality of biopolymers in a predetermined pattern; and

a storage medium for storing information of the biopolymers to be spotted,
wherein the storage medium stores information comprising spot location, identity of the biopolymers spotted on each spot location, and the amount of biopolymers spotted on each spot location.

3. (Amended) The [A] biochip [according to] of claim 1 [or 2], wherein [a member provided with] the surface and the storage medium are detachable.

4. (Amended) The [A] biochip [according to] of claim 1 [or 2], wherein [a member provided with] the surface and the storage medium are formed integrally.

5. (Twice Amended) The biochip of claim 1 [or claim 2], wherein the storage medium comprises a semiconductor memory which can read/write information in a non-contact state.

8. (Twice amended) A method for using a biochip, comprising the steps of:

(a) applying a sample to the biochip, wherein the biochip comprises a surface spotted with a plurality of biopolymers in a predetermined pattern; [and]

(b) detecting a spot location where the sample has bound;

wherein the biochip comprises a storage medium, wherein the storage medium stores information comprising spot location, identity of the biopolymers spotted on each spot location, and the amount of biopolymers spotted on each spot location; [that stores information of the spot locations in relation to information of biopolymers spotted on the spot locations] and

(c) storing and displaying information of the biopolymer that has bound with a sample molecule by searching in the data stored in the storage medium based on the spot location bound with a sample molecule.

10. (Amended) The biochip of claim 1 [or claim 2], wherein the storage medium further comprises a covered surface.

13. (Amended) The biochip of claim [10] 1, further comprising a semiconductor memory support.

18. (Amended) The biochip of claim 1 [or claim 2], wherein the biopolymer comprises a DNA molecule.

19. (Amended) The biochip of claim 1 [or claim 2], wherein the biopolymer comprises a protein molecule.

21. (Amended) The method of [claim 7 or] claim 8, wherein the biopolymer comprises a DNA molecule.

22. (Amended) The method of [claim 7 or] claim 8, wherein the biopolymer comprises a protein molecule